Bioactive

CXCL3 (Human) Recombinant Protein

Catalog # P7199 Size 10 ug

Specification

Product Description	Human CXCL3 (P19876, 35 a.a. - 107 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	ASVVTELRCQCLQTLQGIHLKNIQSVNVRSPGPHCAQTEVIATLKNGKKACLNPASPMVQKIIEKIL NKGSTN
Host	Rat
Theoretical MW (kDa)	7.9
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using human CXCR2 transfected huma n 293 cells is in a concentration range of 10.0 - 100.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

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Gene Info — CXCL3

Entrez GeneID	2921
Protein Accession#	P19876
Gene Name	CXCL3
Gene Alias	CINC-2b, GRO3, GROg, MIP-2b, MIP2B, SCYB3
Gene Description	chemokine (C-X-C motif) ligand 3
Omim ID	139111
Gene Ontology	Hyperlink
Other Designations	GRO3 oncogene|MGSA gamma|melanoma growth stimulatory activity gamma

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- HIV Infections
- Infant
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections

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